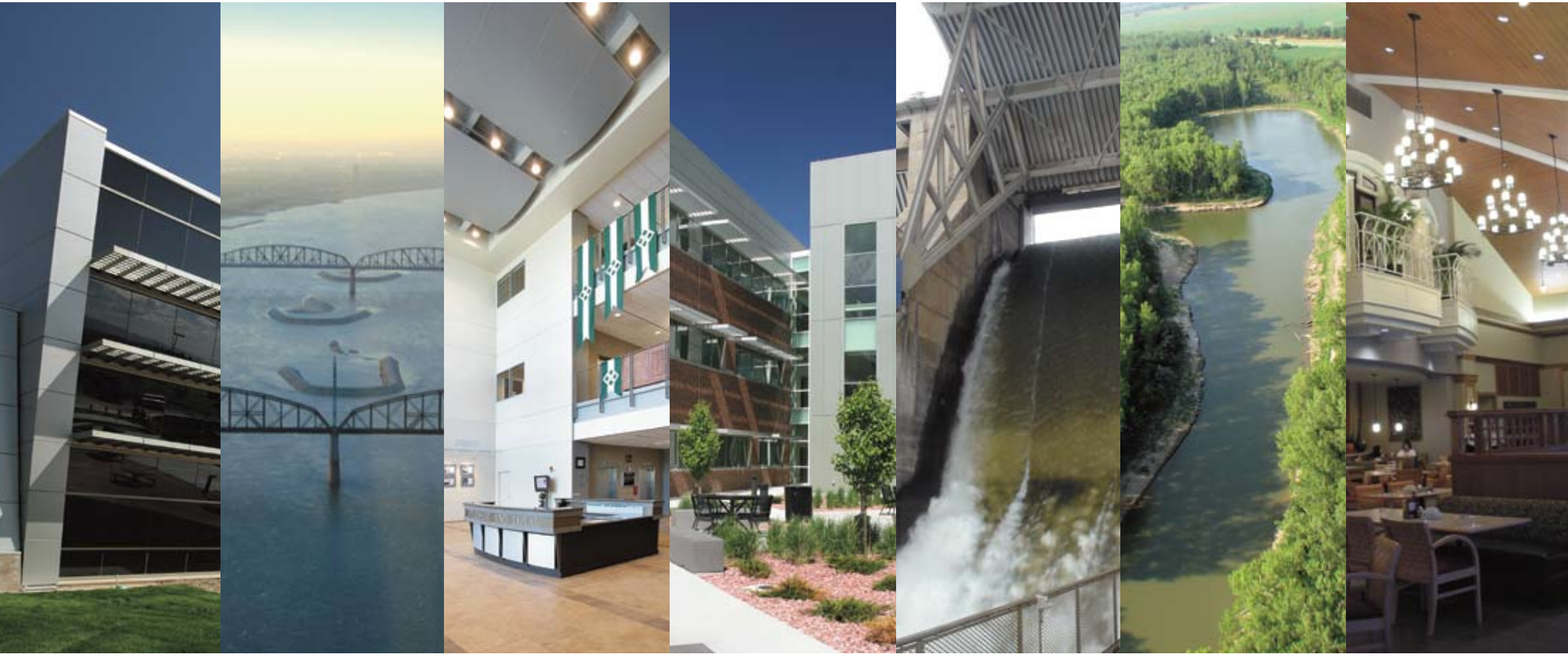
US Army Corps
of Engineers®

DEMONSTRATING EXCELLENCE

2010 Chief of Engineers
Design and Environmental Awards Program



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MESSAGE FROM THE CHIEF

We seek excellence in each and every project the Corps does. How do we achieve the quality that our customers want and deserve? If each of us insists on excellence in the design and execution of our projects, the result will be far reaching and cumulative and will provide benefits for years to come. This brochure celebrates the winners of this year's Chief of Engineers Design and Environmental Awards Program, for their contributions that help us go from 'good to great' and for enhancing the quality of support we provide to the armed forces and the Nation. Its intent is to stimulate your thinking about engineering and construction to achieve an even higher level of excellence. We will be remembered largely by the heritage we create. It is our choice as to whether succeeding generations will point with pride to our work or be burdened by the legacy we leave them.

A jury composed of nationally recognized design and environmental professionals selected these projects for awards from all of entries submitted by USACE. The number and level of awards given by the juries indicate the high standard of work produced by every team who entered. The winning projects shown in this brochure demonstrate the diversity of skills USACE offers its customers. I want to thank the jury members who gave enthusiastically of their time and expertise to make this program a success. Finally, I wish to extend my thanks to everyone who participated this year. Enjoy the brochure and resolve to make each of your future projects a competitor in 2012!

Essayons! Army Strong!

R. L. Van Antwerp
Lieutenant General, US Army
Commanding

HISTORY

DEMONSTRATING EXCELLENCE

2010 Chief of Engineers Design and Environmental Awards Program

Since America's birth as a nation, the U.S. Army Corps of Engineers (USACE) has played a key role in our nation's development. From its earliest days constructing fortifications, surveying roads and canals, and keeping our waterways safely navigable, the Corps has stood ready to support both the Army and the nation, while demanding the highest standards of excellence. That tradition of excellence continues as the Corps conquers the challenges of a new era.

For the past 44 years, the Chief of Engineers Design and Environmental Awards Program (DEAP) has recognized those achievements by USACE Geographic Districts, Centers, Laboratories and Field Operating Activities – working in tandem with partners from the private sector – that have contributed to the Corps' long-standing tradition of excellence.

Today, we both honor the 2010 awardees and request your nominations for the 2011 DEAP competition. The innovation and rigor demonstrated by your team and its projects are evidence of the Corps' continuing leadership, and achievements of which we can all be proud. In past years, awards have been given in the following categories:

The Chief of Engineers Award of Excellence is the program's highest honor, given to the entry that exhibits excellence in all major professional design disciplines. Only one award may be given for an entry in each of the two primary categories: Design and Environmental.

Honor Awards are given in both categories to any entry that demonstrates or stimulates excellence in each of the design disciplines.

Merit Awards are given to projects that embody excellence in individual disciplines, such as landscape architecture, interior design, planning, historic preservation, adaptive reuse, or sustainable design.

USACE Design Team of the Year Award honors the team leading an in-house-designed project achieving the highest level of excellence within the program.

DESIGN AWARDS

Chief of Engineers Award of Excellence

Space Innovation and Development Center

Schriever AFB, Colorado

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Merit Award - *USACE Design Team of the Year*

Division HQ – Command and Control Facility (C2F)

Ft. Carson, Colorado

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Honor Award

BCT-H Brigade/Battalion Headquarters

Ft. Carson, Colorado

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Merit Award

Consolidated Enlisted Club (MCCS)

Camp Foster, Okinawa

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ENVIRONMENTAL AWARDS

Chief of Engineers Award of Excellence - *USACE Design Team of the Year*

St. Louis Harbor River Training Structures

Upper Mississippi River
St. Louis, Missouri

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Merit Award

Sandbar and Chute Complex

Missouri River Mile 777.7
Vermillion, South Dakota

PAGE 12

Merit Award

Little Goose Spillway Weir

Snake River
Starbuck, Washington

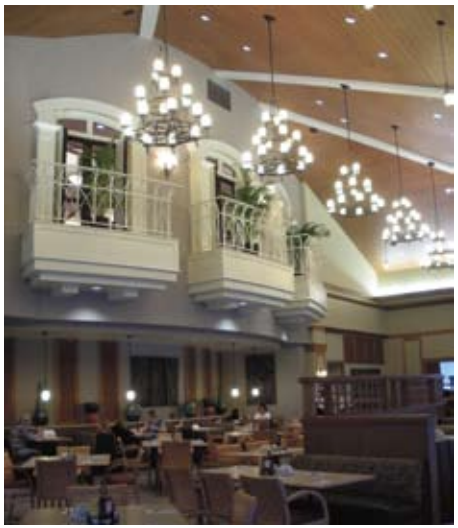
PAGE 14

DESIGN

MERIT AWARD

Consolidated Enlisted Club (MCCS)

Camp Foster, Okinawa



For U.S. Marine Corps enlisted personnel and their families posted far from home, the Consolidated Enlisted Club at Camp Foster on Okinawa has made a dramatic contribution to the improvement of moral and quality of life overseas. By rivaling the comfort and excitement of any nightclub or dining establishment stateside, the Club provides enlisted personnel with an environment carefully crafted to make them feel right at home.

Quality of life is a vital factor in a location as remote – both geographically and culturally – as Okinawa. With that goal in mind, the Marine Corps Community Services (MCCS) – working in a cooperative effort with a concept design team and the Japan Engineer

"Durable, low-maintenance and energy efficient, the project nonetheless speaks to pride and community."

- Juror Comment

Owner: Marine Corps Base, Camp Smedley D. Butler
Design District: US Army Corps of Engineers – Japan District
Design Firm/Contractor: Takenaka Corporation, Kyushu Branch – Fukuoka, Japan

District of the USACE – set out to create the premier enlisted club facility in Okinawa and service-wide.

The Consolidated Enlisted Club serves two populations – the Globe and Anchor Club for enlisted personnel and Club Chesty's for Staff Non-Commissioned Officers (SNCO) – all in one 44,000 square foot complex. The Enlisted Marine Lounge is vibrant with light, sound and state-of-the-art video. It features a large sunken dance floor, stage, elevated DJ booth, a full-service curved bar, as well as a gaming area and exterior patio. The more sophisticated setting of the Staff Non-Commissioned Officer's (SNCO) Lounge, located on the building's upper level, features a full bar, booth and table seating in a "gentlemen's club" atmosphere. Both facilities may be entered via an inviting, two-story Main Lobby and share access to a large Main Dining Room, as well as multi-use Party/Banquet Rooms.

The building's focal point is its exterior façade, which both reflects traditional Okinawan design elements and hints at the modern, dynamic space within. Entering through the vestibule to the elegant Main Lobby, the visitor is struck by the sense of space and natural light that flows through skylights and tall aluminum-framed windows. Wood finishes throughout the facility were selected for their durability as well as aesthetic appeal. With heat and humidity concerns on Okinawa, HVAC systems provide a positive pressure in the building to prevent air filtration and condensation problems, while also controlling for humidity. Adding to the facility's environmental sustainability, the design site itself was chosen to minimize solar exposure, while access to natural light throughout the structure reduces artificial lighting requirements.

Both timeless and modern, the Consolidated Enlisted Club is a first-class example of design intelligence applied in the service of our military personnel around the world.

DESIGN

Owner: Fort Carson Directorate of Public Works
Design District: US Army Corps of Engineers – Omaha District
Contractor: PCL Construction Services Inc. – Denver, Colorado

MERIT AWARD
USACE Design Team of the Year

Division HQ - Command and Control Facility (C2F)
Ft. Carson, Colorado

Today, the 4th Infantry Division of the United States Army is the most advanced and deployable heavy division in the world. In March of 2003, the 4th ID deployed to Iraq and has, for the past 6 years, continued to serve in Operation Iraqi Freedom with distinction. In 2009, the division returned to their new home – the Command and Control Headquarters Facility at Fort Carson, in Colorado – a state-of-the-art facility destined to become a powerful platform for success in the century to come.

One of the largest facility projects to be designed in-house, the C2F was completed on-time and below budget, thanks in part to the exemplary partnering process between the Omaha District of the USACE and its contractor. Early Contractor Involvement (ECI) design and procurement methods were critical factors in keeping pace with the fast-track construction schedule necessary for operations to begin on the date that the 4th ID were scheduled to return from Iraq. Thanks to that early collaboration, the contractor was able to begin early construction even before the design was complete – saving valuable time without resulting in costly errors or modifications.

In the vision of Fort Carson planning and development team, the finished C2F building was to become a focal point for the Post – the most prominent headquarters building on the installation. As a result, it is designed with the distinguished look and feel of a corporate headquarters office building, while still following the guidelines of the Fort Carson Installation Design Guide, relying on exterior finish materials of brick and architectural CMU, as well as metal wall panels and cast stone trim elements. Interior design and finishes complimented the building's LEED effort by reducing VOC emissions and utilizing recycled materials without compromising the aesthetic image necessary for a headquarters facility.

The first building designed by a USACE in-house design team to earn a Silver LEED Certification, the C2F achieved a 14% reduction of energy usage compared to the building's baseline performance rating, as well as a 53%

"The team achieved the goals it identified at the design charrette: to establish a prominent and dignified street presence for the headquarters facility."

-Juror Comment

reduction in water use. With all its innovations, the C2F project reached completion for a total cost 6% below budget. For all these reasons, the Fort Carson Command and Control Headquarters Facility has become the Standard Definitive Design for Division/ Corps headquarters, and it is proof that facilities can be delivered “better, cheaper, faster and greener” while still maintaining the highest standards of aesthetics, function and sustainability.

DESIGN

HONOR AWARD

BCT-H Brigade/Battalion Headquarters
Ft. Carson, Colorado

In taking on the unique design challenges of Fort Carson's new BCT-H Brigade and Battalion Headquarters, the Omaha District of the USACE and its design team have set a high standard of success for all such projects in the future. As the District's first project completed under the Corps' new two-phase, design/build, performance-criteria-based procurement procedure, the Brigade and Battalion Headquarters has broken new ground in terms of its strong partnering effort, efficient procurement process, as well as its fiscal and environmental responsibility.

The building's distinctive shape came about as a direct response to the unique needs of the brigade it was designed to serve. Three buildings, connected by a glass walkway,

Owner: Fort Carson Directorate of Public Works
Design District: US Army Corps of Engineers – Omaha District
Design Firm: RNL Design – Denver, Colorado
Contractor: Hensel Phelps Construction Company – Greeley, Colorado

and oriented around a central courtyard, the headquarters provides for separate and secure access for all 6 battalions, as well as the brigade command itself, together with fully secure SCIF, Brigade and Network Operations Centers.

Challenged by the USACE to design a building that met LEED Silver standards, the design team delivered a structure so energy-efficient, it was awarded LEED Gold status – no mean achievement given the strict requirements necessary on a secure military base. Large windows – together with low partition walls and low-profile furnishings – allow for natural daylighting throughout the work environment. Together with automatic lighting controls and high-efficiency HVAC, these innovations have led to a 33.5% reduction in energy usage. During construction, resource management reduced waste diversion by 54%, while 23% of building materials were made up of recycled content.

The Headquarters' exterior design clearly reflects the existing architectural context of Fort Carson with its traditional red brick, while intentionally projecting a more modern aesthetic. Encompassing both the contemporary nature of "Today's Army," and the long tradition of the nation's oldest service, this project has been designated as the prototype for similar program types on U.S. bases worldwide.

Upon their return from Iraq, the 1st Brigade Combat Team of the 4th Infantry Division will inhabit the BCT-H Headquarters as their new military home. Hopefully, it will be a facility worthy of their effort and sacrifice. "Because of this facility," remarks Omaha District Commander, Colonel Robert J. Ruch, "this Brigade Combat Team will be better prepared to fight and win upon their next deployment. What more can be said?"

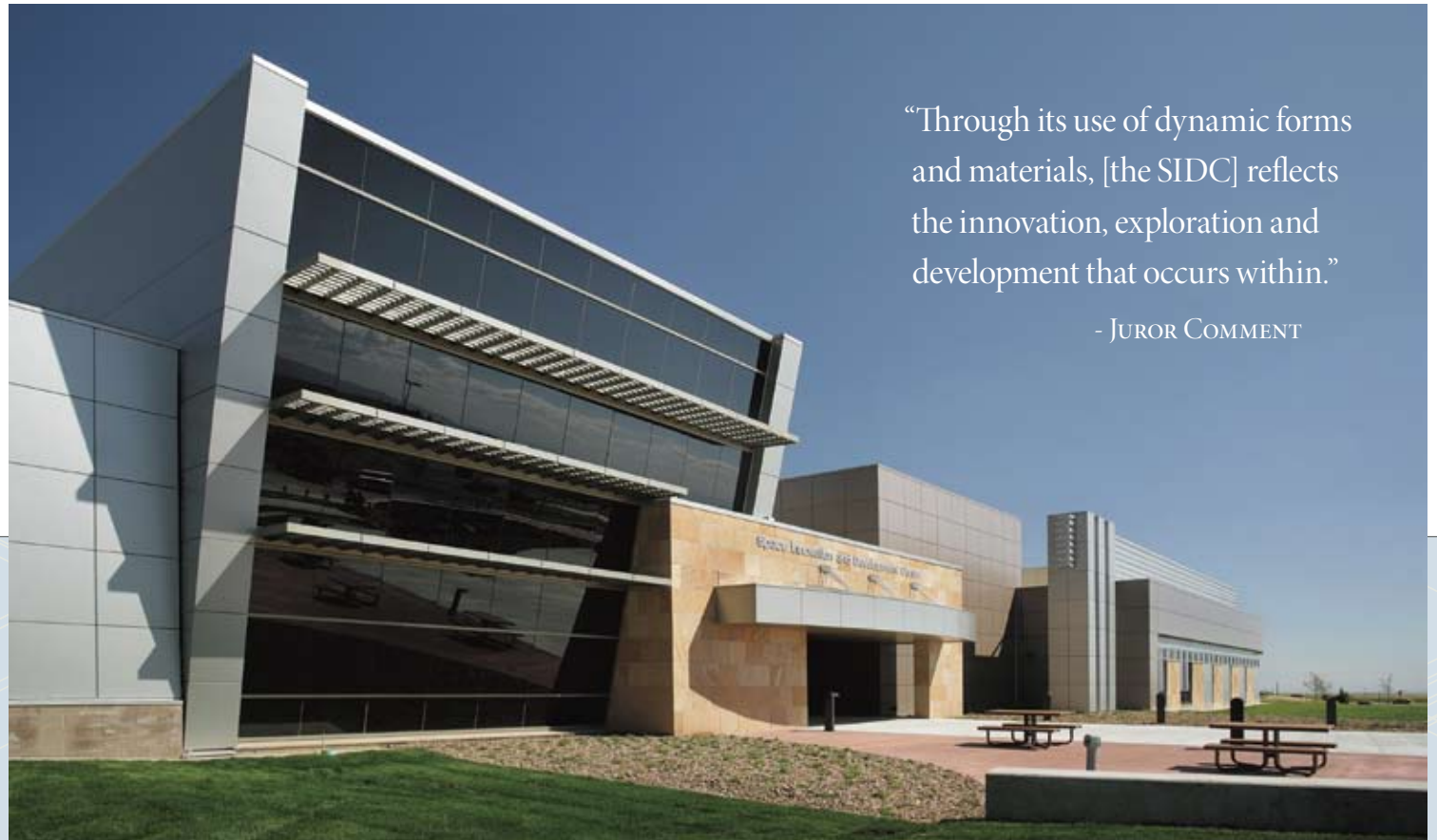
"An innovative and imaginative project that successfully combines two separate organizations into a cohesive and architecturally pleasing whole."

–Juror Comment

DESIGN

CHIEF OF ENGINEERS
AWARD OF EXCELLENCE

Space Innovation and Development Center
Schriever AFB, Colorado



For the United States Air Force, the Space Innovation and Development Center (SIDC) represents the leading edge of that service's mission to harness technology in the service of national defense. Located at Schriever Air Force Base in Colorado, the SIDC is charged with the innovation, testing and exploitation of space and cyberspace in support of U.S. interests around the world. In assisting the USAF with its successful design and construction, the Omaha District of the USACE and its design/build team have helped create a facility that redefines the possible in terms of its advanced security, innovation and efficiency.

Owner: 50th CES/CC – Schriever Air Force Base
Design District: US Army Corps of Engineers – Omaha District
Design Firm: The Benham Companies, LLC – Oklahoma City, Oklahoma
Contractor: PCL Construction Services, Inc. – Denver, Colorado

The SIDC's design process began with a broadly inclusive charrette to gather and assimilate the project's critical and highly technical criteria. From state-of-the-art security systems, including electronic access control and intrusion detection, to powerful and flexible communication systems, capable of distributing vast streams of classified and unclassified data, each user requirement was input and immediately translated into a three-dimensional representation which helped expedite a final design while allowing input from all participating stakeholders.

The result is an eye-catching, flexible and highly functional workspace – sustainably designed – that advances the mission while providing its users a sense of pleasure and pride. Standing amid the browns and grays of eastern Colorado's rolling, semi-arid grasslands, the building's exterior reflects its surroundings, with copper and champagne aluminum composite panels alternating with sandstone masonry veneer. The interior architecture continues the theme, using light and medium-toned woods, aluminum and copper metal accents, within which the Center's powerful communication infrastructure is seamlessly integrated.

LEED-Certified and extremely energy efficient, the structure allows for less than 7% overall return air circulation, while extensive use of access flooring enables the use of an under-floor "displacement ventilation system," greatly improving thermal comfort and control, as well as acoustics and energy efficiency. "The SIDC is an exemplary facility," remarks the Omaha District Commander, "with great building efficiency and top security levels, this facility will become an ideal for future development."

ENVIRONMENTAL

MERIT AWARD

Sandbar and Chute Complex

Missouri River Mile 777.7
Vermillion, South Dakota

Located in South Dakota, the stretch of Missouri River downstream from the Gavins Point Dam is among the last free-flowing stretches of that once-wild waterway. Until recently, its reaches were dotted with the islands, bars, chutes and snags for which the Missouri was famous among boaters and nature-lovers. Yet over the past decade, both as a result of damming as well as recent low water flows due to drought, many of these natural features have eroded away, reducing the natural habitat available for native wildlife.

In 2006, the Omaha and Kansas City Districts of the USACE set out to reconstruct habitat for two endangered species (the pallid sturgeon and interior least tern) and one threatened species (the piping plover) through the creation of new sandbars and shallow water areas where the designated species could successfully nest and feed. In consultation with the United States Fish and Wildlife Service and the National Park Service, Corps staff designated a small sandbar remnant at river mile 777.7 as a suitable site for expansion. The resulting sandbar construction – which saved more than a million dollars under budget – has been judged an unqualified success and serves as a model for similar projects in other states.

Targeting a former channel site on the bankline as a source for much of the sand needed, the Corps team was able to create nearly 90 acres of new sandbar at the 777.7

Owner: US Army Corps of Engineers – Missouri River Recovery Program - Omaha District
Design District: US Army Corps of Engineers – Omaha District
Contractor: Newt Marine Services – Dubuque, Iowa

site, an action that resulted in a significant bonus – the opening of a 15-acre off-channel chute at the site of the excavation, providing a new and very productive habitat for 38 species of fish, many of which are of the type and size that will provide excellent angling opportunities for recreational fishermen.

The new sandbar habitat has successfully met the needs of both bird species, providing both a wetted perimeter for feeding opportunities and high, dry sand for secure nesting. In addition, the relatively large size of the sandbar accommodates the many birds seeking habitat, without overcrowding. Results have been positive, with nearly 90% of adults of both bird species using the newly constructed sandbars. Even more encouraging, these adults have produced 100% of the least terns and 98% of the piping plovers fledged in 2009.

"This innovative project…successfully provided habitat for endangered and threatened species, while enhancing the environment for both recreational enjoyment and natural habitat."

-Juror Comment

ENVIRONMENTAL

MERIT AWARD

Little Goose Spillway Weir

Snake River – Starbuck, Washington

Beginning in 1938, with completion of the Bonneville Dam, the U.S. Army Corps of Engineers has overseen the construction of eight lock and dam projects on the Columbia and Snake Rivers. While these structures have made a highly positive impact on the region through their provision of hydropower, recreation and slackwater navigation, their operation has also had an effect on the decline of the Pacific Northwest's migrating fish populations.

As a result, the Columbia River Fish Mitigation (CRFM) program was initiated by the Corps to focus efforts on improving adult fishways and juvenile fish bypass systems in place at its lower Columbia and Snake River dams. In 2006, the Walla Walla District of the USACE assigned a project development team to design a surface spillway weir for Little Goose Dam, the final step in providing surface passage routes on all four lower Snake River dams. The purpose behind a spillway weir is to allow juvenile salmon and steelhead to pass through the dam, under lower accelerations and lower pressures, without having to dive to depths of 50 or 60 feet to pass through conventional spillway gate openings.

Undertaking similar projects in the past, engineers have relied on Removable Spillway Weir (RSW) structures that can be put in and out of place as migration seasons and hydrology require. In the case of the Little Goose site, however, the production design team, working in concert with a very active team of

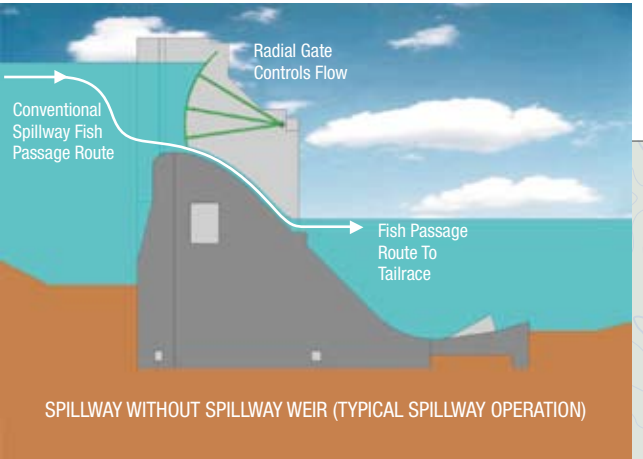
"This project is the perfect example of the value of simplicity in design…the beauty of the solution is found in its function."

-Juror Comment

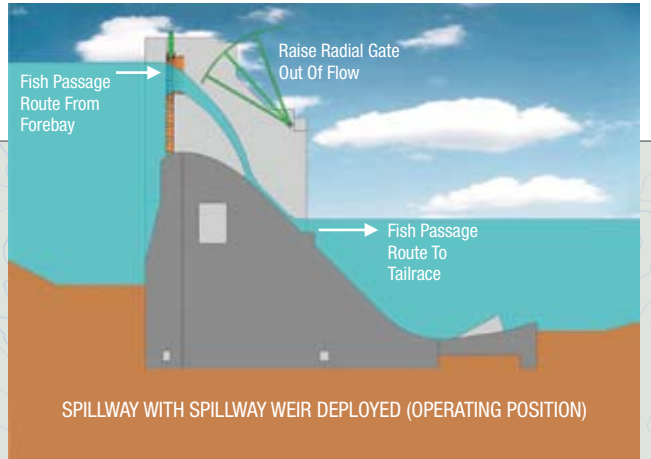
Owner: NOAA Fisheries, Northwest Regional Office, Hydropower Division – Portland Oregon
Design District: US Army Corps of Engineers, Walla Walla District
Contractor: Advanced American Construction, Inc. – Portland, Oregon

regional stakeholders, made the determination to move to a newer concept of surface structure that would be less expensive, yet have the flexibility to be moved laterally within the spillway, while still retaining the ability to vary its rate of discharge.

Known as a Modular Spillway Weir (MSW), this relatively lightweight and low-cost solution has proved a good fit for the requirements of the Little Goose project. Its flexibility of movement allowed the team to field test different weir positions on the spillway, in order to optimize fish survival rates. At the same time, the weir's relative simplicity of design allowed the team to meet its target installation date despite a short and absolutely inflexible seasonal construction window. Preliminary test results are highly encouraging, with survival rates of fish passing over the weir near 100%. Installation of the MSW at Little Goose dam has proven to be an important step toward improving the downstream passage of juvenile salmon and steelhead, a regionally significant natural resource.



SPILLWAY WITHOUT SPILLWAY WEIR (TYPICAL SPILLWAY OPERATION)



SPILLWAY WITH SPILLWAY WEIR DEPLOYED (OPERATING POSITION)

ENVIRONMENTAL

CHIEF OF ENGINEERS
AWARD OF EXCELLENCE
USACE Design Team of the Year

St. Louis Harbor River Training Structures

Upper Mississippi River
St. Louis, Missouri

In its mission to maintain our nation's inland waterway system for navigation, there is no greater challenge for the U.S. Army Corps of Engineers than channel sedimentation. Shoaling and dangerous cross-currents are a hazard to safe and efficient transportation of goods, while regular dredging is a drain on limited resources, costing taxpayers millions of dollars each year. At St. Louis Harbor – the third busiest port in the inland waterways system – these issues are a particular concern, given the river's heavy traffic, high population density and navigation difficulties caused by the area's many closely placed bridge spans.

Beginning in 2007, the St. Louis District of the USACE undertook the St. Louis Harbor

Design District: US Army Corps of Engineers – St. Louis District

Contractor: Patton – Tully Transportation, LCC – Memphis, Tennessee

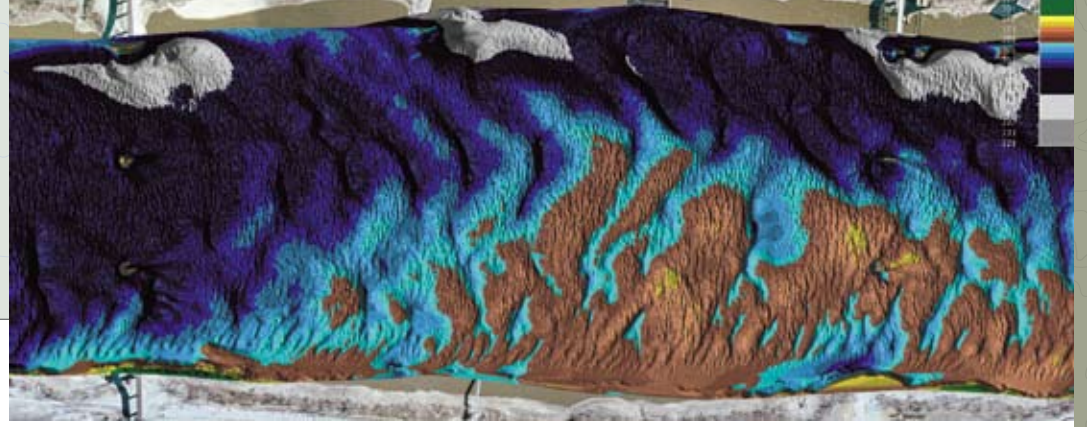
Project to create a sustainable navigation channel in an area where repetitive dredging is an ongoing problem. By the combined use of river training structures such as dikes, chevrons and weirs, the project harnesses the natural forces of the river itself to manipulate sedimentation patterns and minimize dredging requirements. This project was the first of its kind to use blunt-nosed chevrons to split the main navigation channel into two separate, self-sustaining navigable channels. In addition, a series of trail dike extensions and underwater weirs further aligned the navigation channel through two sets of bridge spans.

One of the main benefits to the use of such innovative engineering structures as chevrons is that they promote the growth of natural habitat by means of sandbar or island creation, bringing the structures in tune – not just with the dynamics of the river – but also with the environment that surrounds them. Many new habitat types are created within the chevron field. Backwater fish species such as largemouth bass and bluegill are supported within the pond-like surface water surrounded by the chevron, while the newly created sandbar islands downstream of the chevrons provide habitat for shallow-water species. In all, the number of species counted post-construction is more than double of that before construction began.

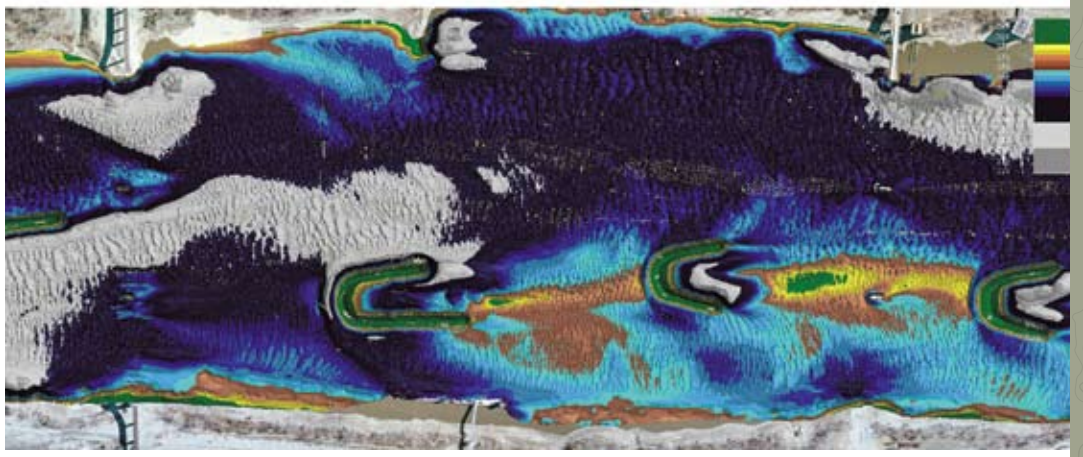
All of the training structures are built with material from the river, not the bankline, and anchored with widely available topsize limestone sourced from river-adjacent quarries and so transported efficiently by river barge. Once placed, these structures are expected to have a life cycle of at least fifty years with minor repairs expected only after extreme flood or ice events. They are sustainable in both the materials used and the energy demands to build them, and fit seamlessly both with St. Louis' riverscape and its famous skyline. Called "The Arches In the River" by local media during their construction, the St. Louis Harbor chevrons are a very visible component of a highly successful river engineering project.

"…a solution that is nimble in design, practical in application, effective in its utilization of resources and pleasing to the eye."

- Juror Comment



Hydrographic Survey from May 2007 – Pre Construction. Depths are sufficient for navigation from blue to gray.



Hydrographic Survey from March 2009 – Post Construction. Depths are sufficient for navigation from blue to gray.

THE JURY

JURY FROM LEFT

JOHN R. HUNT, IIDA
USACE Interior Designer of the Year

SIDNEY I. JONES, RLA
USACE Landscape Architect of the Year

DR. CECIL LUE-HING, PE
President
American Academy of Environmental Engineers

MICHELLE KAYON, RA
Director, Project Management Division
Architect of the Capitol

SHERYL KOLASINSKI, FAIA, LEED AP
Director, Office of Planning and Project Management
Smithsonian Institution

AMBASSADOR RICHARD SWETT, FAIA
Architect and Statesman
US Congress and State Department

D. WAYNE KLOTZ, PE, DWRE, FASCE
Past President
American Society of Civil Engineers

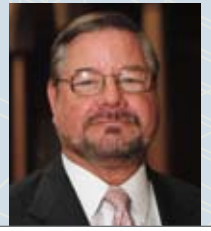
JONATHAN C. PETRY, AIA, LEED AP, PMP
USACE Architect of the Year

JAMES A. RISPOLI, PE, FASCE, FSAME
Assistant Secretary for Environmental Management
(2005-2008)
US Department of Energy

GEORGE H. MILLER, FAIA
President
American Institute of Architects

NOT PICTURED

JONATHAN MUELLER, FASLA
President-Elect
American Society of Landscape Architects



JOHN R. HUNT, IIDA

USACE Interior Designer of the Year

Mr. John R. Hunt is a registered Interior Designer in the State of Missouri and holds an NCIDQ certificate. Currently the Senior Interior Designer, Mr. Hunt has been employed by the US Army Corps of Engineers, Kansas City District, for 16 years and worked previously as Chief, Non-Appropriated Funds Interior Design Section for Strategic Air Command for 20 years. He received his Bachelor of Science degree from Iowa State University. John was selected as the 2009 USACE Interior Designer of the Year. Mr. Hunt has worked on multiple military construction projects as design team lead and project interior designer including the 1Lt Joseph Terry CBRN Responder Training Facility at Fort Leonard Wood, winner of a Merit Award – Interiors, in the 2008 Chief of Engineers Design & Environmental Awards Program. As a member of the USACE Interior Design Center of Expertise, Mr. Hunt provides technical support and professional advice USACE-wide. He has developed and authored several Tri-Service guide specifications. As a registered professional facilitator, Mr. Hunt has led several design project charrettes. Mr. Hunt was responsible for the space planning and $4.0M furniture specifications supporting the recently completed Kansas City District office move to three newly renovated floors in the Bolling Federal Building. His most recent project, currently under construction, is the USACE Prime Power School, Fort Leonard Wood, MO.

D. WAYNE KLOTZ, PE, DWRE, FASCE

Past President
American Society of Civil Engineers

D. Wayne Klotz, P.E. is President of Klotz Associates, Inc., a full service civil engineering firm based in Houston, Texas. His 36-year career began with a BSCE from Texas A&M University in 1974 and an MSCE from the University of Houston in 1976. He is a licensed professional engineer in Texas and Louisiana.

Wayne served as National President of ASCE in 2008-2009. He has served as Officer for ASCE, HCEC, CEC-T, Harris County Flood Control Task Force, the C Club, and the University of Houston and the Texas A&M Civil Engineering Advisory Boards. He started the Klotz Associates Endowed Scholarship in Civil Engineering at both universities. Wayne has served on the Board of Directors of the Harris-Galveston Coastal Subsidence District and is currently serving as Co-Chair for Public Works on Mayor Parker's Transition Committee.

Among his awards are the ASCE National 2005 Edmund Friedman Professional Recognition Award and the 2004 Texas A&M Distinguished Graduate of the Department of Civil Engineering. He has also been awarded the Texas Section and Houston Branch ASCE Awards of Honor. The American Water Works Association awarded him a Life Membership, and he is a Diplomate of the American Academy of Water Resources Engineers (AAWRE). In 2008, he was awarded Honorary Professor from the Ricardo Palma University in Lima, Peru.

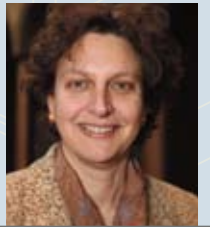
He married Karen Wilson in July of 1974, and they have four children and two grandchildren. They are active in ministries at Tallowood Baptist Church.

SHERYL KOLASINSKI, FAIA, LEED AP

Director, Office of Planning and Project Management
Smithsonian Institution

Sheryl Kolasinski is an architect and the Director of the Office of Planning and Project Management. Her staff of architects, engineers, planners, conservators, preservationists, and real estate specialists is responsible for assembling, monitoring and executing the capital design and construction for the entire Smithsonian here in Washington, six states throughout the country, Panama and Chile. She has served as the project executive on the construction of the National Air and Space Museum's Steven F. Udvar-Hazy Center, and on the design phase of the Reynolds Center for American Art and Portraiture. During her tenure as capital program leader of the Smithsonian, over $1 billion in design and construction has been completed.

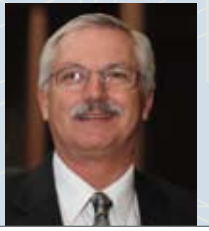
Sheryl received an undergraduate degree in art from Brown University, and holds a Master's in architecture from Columbia University. She is a fellow in the American Institute of Architects, and is a LEED accredited professional. She is a member of the program committee for the development of design and program ideas and strategies for the renovation of the Arts and Industries Building.



MICHELLE KAYON, RA

Director, Project Management Division
Architect of the Capitol

Michelle Kayon is the Director for Project Management and possesses more than 28 years of experience working on large and complex projects in various government agencies and in the private sector. Ms. Kayon is a licensed architect and LEED AP and holds a Bachelor's Degree from the University of Pennsylvania and a Master's Degree from Columbia University. As Director for Project Management she leads a team that takes projects, approximately $125 million dollars annually, from "cradle to grave" throughout the Capitol complex. The projects range from correction of code compliance issues, creating sustainable and energy efficient environments to planning for whole building modernizations. Before joining the AOC, Ms. Kayon was the Director of the Renovation Program Office at the Department of Commerce; Acting Project Executive and Zone Manager for the Smithsonian Institution at the National Zoological Park and Project Architect for the Main Justice Building Modernization. She also was with the architectural firms of Mitchell/Giurgola and Associates and Shalom Baranes and Associates before joining the federal government. She was an intern with the National Trust for Historic Preservation. She served on architecture school juries at Columbia University and Catholic University. She is also interested in incorporating the study of architecture into elementary and high schools and developed curriculum and taught in the DC public and private schools and the Latina Arts Center in DC.



SIDNEY I. JONES, RLA

USACE Landscape Architect of the Year

Mr. Sidney I. Jones is a licensed Landscape Architect in the state of California and the USACE Landscape Architect of the Year for 2008-2009. He received his Bachelor of Landscape Architecture in 1984 from the University of California, Davis. He started his career in private practice working in both commercial and golf course design, at the HLA Group in Sacramento, and at Robert Trent Jones II, in Palo Alto, California, respectively. He has spent the last 22 years at the Corps' Sacramento District, where he has been the lead designer on many military and civil works projects, including over 100 mitigation sites. He was the lead designer for the Sacramento Urban Mitigation Area, which received the Honor Award in the 1994 Chief of Engineering Design and Environmental Awards Program. His work was also featured in the Landscape Contractor National magazine in 2004, under the title "Recreating Natural Landforms". He served many years as a field lecturer for ERDC's Wetland Development and Restoration course.

JONATHAN C. PETRY, AIA, LEED AP, PMP

USACE Architect of the Year

As the Senior Architect for the Kansas City District, he primarily leads project teams in the design of multi-million dollar facilities for military installations. As a designer, he has contributed to award-winning in-house teams, including a recipient of the 2008 Chief of Engineers Merit Award for Interiors. Additionally, he serves as his district's Sustainable Design and Development proponent to advocate integrated design processes while coaching and mentoring the next generation of conservation-minded designers. His time with USACE includes challenging opportunities such as deployed service as a Project Architect in Iraq during Operation Iraqi Freedom. He received a Bachelor of Architecture from the University of Kansas in 2002.

DR. CECIL LUE-HING, PE

President
American Academy of Environmental Engineers

Before retiring, Dr. Cecil Lue-Hing was the Director of Research and Development (R&D) for the Metropolitan Water Reclamation District of Greater Chicago, and is currently Principal of Cecil Lue-Hing and Associates Inc. He is a Registered Professional Engineer, a Diplomat of the American Academy of Environmental Engineers, and a Member of the National Academy of Engineering.

During his 28 year tenure at the Chicago District, Dr. Lue-Hing played a key role in the restoration of the Chicago River System. He provided R&D direction for the Combined Sewer Overflow, Tunnel and Reservoir Plan, the Sidestream Elevated Pooled Aeration System, established a comprehensive water quality monitoring program for the Greater Chicago Waterway System and upper Illinois Rivera.

Dr. Lue-Hing is currently President of The American Academy of Environmental Engineers; Past-President, Environmental and Water Resources Institute of The American Society of Civil Engineers; Past President of The Association of Metropolitan Sewerage Agencies; former Board Member of the Water Environment Research Foundation; and also a Past Chairman, Board of Editorial Review Water Environment Research.

Awards Dr. Lue-Hing has received include the ASCE National Government Civil Engineer of the Year, the Simon W. Freese Environmental Engineering Award and Lecture; the Water Environment Federation's Charles Alvin Emerson Medal, and the AAEE Gordon Maskew Fair Award.

GEORGE H. MILLER, FAIA

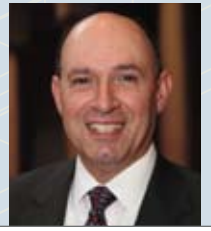
President
American Institute of Architects

George H. Miller FAIA is a partner of Pei Cobb Freed & Partners Architects LLP. George's projects have included the Meyerson Symphony Center (Dallas), the National Constitution Center (Philadelphia), and the headquarters of ABN-AMRO Bank (Amsterdam). Other projects include Bellevue Hospital Center's ambulatory care facility (New York), the John Joseph Moakley Courthouse (Boston), and the Museum of Modern Art (Luxembourg).

Born in Berlin, Germany, and raised in northeastern Pennsylvania, George received his BArch from Pennsylvania State University. After graduation, he moved to New York City, where he joined I. M. Pei & Partners in 1975. He is licensed to practice in 20 states and the District of Columbia and is a member of the Order of Architects in Luxembourg.

He served as a member of the AIA New York State Board and on its executive committee. He has also served as a trustee of the New York Foundation for Architecture and has been active with the AIA Large Firm Roundtable since 1989. He was elevated to the College of Fellows in 1999. George and his wife, Anne Tichich, an artist, make their home in a historic 1844 Townhouse in Greenwich Village.

He is a member of the Architectural League of New York, the Municipal Art Society, and the New York Building Congress (2002 – present), where he has served as a director. He recently received the AIA New York State's Del Guardio Award for Service and the NY Chapters's President's Award.



JAMES A. RISPOLI, PE, FASCE, FSAME

Assistant Secretary for Environmental Management
(2005-2008)
US Department of Energy

For the past 27 years, James Rispoli has served in various executive positions in both the public and private sector. Prior to joining Project Time & Cost, Inc., he completed over three years of service as the Assistant Secretary of Energy for Environmental Management. Jim was appointed to this position by President George W. Bush, after having served as the Department Director of Engineering and Construction Management.

A Fellow of the American Society of Civil Engineers, he is Chair of its Industry Leaders Council, past Chair of its Construction Division, and has served in several local section officer positions. He is also a Fellow of the Society of American Military Engineers for which he held several officer positions at the local level, served as the national society's Vice President for Environmental Affairs and as a member of the Board of Direction. Mr. Rispoli is an active member of the Project Management Institute for whom he has served on its Corporate Council, and on panels and study efforts.

After completing a career in the Navy Civil Engineering Corps in 1995 as a Captain, he held several significant positions in the engineering profession. He was the Managing Principal of a major engineering office and President of a 200-person engineering and construction company, before he joined the Department of Energy as a career executive.

Jim is licensed in two states as a Professional Engineer. He earned his Bachelor of Engineering degree in Civil Engineering from Manhattan College, a Master of Science degree in Civil Engineering from the University of New Hampshire, and a Master's degree in business from Central Michigan University.

AMBASSADOR RICHARD SWETT, FAIA

Architect and Statesman
US Congress and State Department

The Honorable Richard Swett was Ambassador to Denmark from 1998 to 2001. In 1990, he was elected U.S. Representative from New Hampshire. As a Congressman he authored the Transportation for Livable Communities Act, of which key provisions were included in ISTEA and also introduced legislation to encourage conservation and use of renewable energy, which were included in the Energy Policy Act of 1992. He was one of six panelists that helped select design teams for the World Trade Center reconstruction.

He is author of Leadership by Design: Creating an Architecture of Trust. Educated at Yale University, he was named one of the Ten Most Influential People in New Hampshire by NH Business Magazine and has twice received the AIA's Presidential Citation and numerous other honorary degrees and awards.

JONATHAN MUELLER, FASLA

President-Elect
American Society of Landscape Architects

Mr. Mueller is currently a senior landscape architect with Landmark, a landscape architectural studio of Architects West in Coeur d'Alene, Idaho, that he helped establish in 1984.

Since the early Landmark years, Mueller has pursued the role of a volunteer advocate for the profession, which has provided opportunities for influence at a local, state, and national level. For him, these engagements confirmed the power of the collective impact resulting from the service and advocacy actions of individual landscape architects. He has been involved with numerous volunteer efforts in 24 years and currently serves on his city Parks Foundation and Design Review Commission. Mueller served two terms on the Idaho State Board of Landscape Architects and was CLARB representative for the board for four years.

His national committee service includes the Honors and Awards Advisory Committee, Professional Practice Committee, and serving as chair for both the Policy Committee and Finance and Investments Committee. He served as ASLA vice president for government affairs in 2008-2009.

Mueller's work as a landscape architect has produced eight Merit and two Honor awards from the Idaho-Montana Chapter. Mueller is an LLA in six states and is CLARB certified. He received a BLA from the University of Idaho in 1978, where he has also served as part of the adjunct faculty for the LA program.